KEY U.S. AEROSPACE STATISTICS

(in billions of current dollars, unless otherwise noted)

	1996	1997	1998	1999	2000	2001	
INDUSTRY DATA ¹			,,,,,	,,,,,			
Value of Aerospace Shipments							
Current dollars	\$101.3 r	\$120.4 r	\$137.4 r	\$139.0 r	\$126.6 r	\$125.1 e	
Constant dollars (1997=100)	104.0 r	120.4 r	134.7 r	136.9 r	120.8	N/A	
Real Growth	10.4% r	15.8% r	11.8%	1.7% r	-11.8%	N/A	
Value of Aircraft & Parts Shipments							
Current dollars	\$83.4	\$100.1	\$116.8	\$120.3	\$111.0	\$119.1 p	
Constant dollars (1997=100)	85.7	100.1	116.2	118.3 105.5		N/A	
Real Growth	-0.1%	16.8%	16.0%	1.8% -10.9%		N/A	
Industrial Production Index (1992=100)	1,2						
Aerospace-Total	83.8	93.1 r	107.6 r	103.4 r	99.1 r	96.4	
Aircraft & Parts	81.6 r	93.7 r	114.1 r	105.8 r	99.5 r	97.4	
Employment ³							
Total Employment [000s]	548.5	592.0	617.1	583.5	551.1	544.5 p	
Growth	16.5%	7.9%	4.2%	-5.4%	-5.6%	-1.2%	
Production Workers [000s]	242.6	275.6	290.0	266.4	242.3	239.8 p	
Growth	9.7%	13.6%	5.2%	-8.1%	-9.0%	-1.0%	
Trade							
Value of Exports ¹	\$40.0	\$49.9	\$61.4	\$59.9	\$52.6 r	\$56.4 r	
Exports/Shipments ¹	39.5%	41.4%	44.7%	43.1%	41.5%	45.0%	
Value of Imports ¹	\$13.1	\$17.3	\$22.3	\$24.1 r	\$26.9 r	\$15.3 r	
Apparent Domestic Consumption ¹	74.3	87.9	98.4	103.2	100.9	84.1	
Imports/Apparent Consumption	17.6%	19.7%	22.7%	23.3%	26.6%	18.2%	
Balance of Trade ¹	\$27.0	\$32.6	\$39.0	\$35.8 r	\$25.8 r	\$41.1	
	φ21.0	φ32.0	φ39.U	φ33.6 1	φ20.0 I	Φ41.1	
PRODUCT DATA							
Value of Aerospace Shipments ¹							
Current dollars	\$94.8 r	\$117.6 r	\$131.0	\$132.1 r	\$121.0	\$120.0 e	
Constant dollars (1997=100)	97.4 r	117.6 r	128.5	130.7	\$115.6	N/A	
Real Growth	9.4% r	20.7% r	9.3%	1.8%	-11.6%	N/A	
Trade⁴							
Total Aerospace Exports⁴	\$40.3	50.6	64.1	\$62.4	\$54.7 r	\$58.5 r	
Total Aerospace Imports ⁴	13.4	17.8	23.4	25.4 r	28.2 r	28.5 r	
Balance of Total Aerospace Trade ⁴	\$26.9	\$32.8	\$40.7	\$37.0 r	\$26.5 r	\$30.0 r	
·	·			U.K.	UK	UK ÇSS.S .	
Foreign Markets [Top Five] ⁴	Japan U.K.	U.K.	U.K.	France	France	France	
		Japan	Japan Saudi Arabia				
	Canada	Canada		Germany	Germany	Germany	
	Korea	France	France	Japan	Japan		
	France	Saudi Arabia	Germany	Canada	Canada	Singapore Canada	
% Total Exports	35.8%	39.0%	42.4%	42.2%	43.4%	41.8%	
Suppliers to United States [Top Five] ⁴	Canada	Canada	France	France	France	France	
	France	France	U.K.	Canada	Canada	Canada	
	U.K.	U.K.	Canada	U.K.	UK	UK	
	Japan	Japan	Japan	Germany	Germany	Germany	
	Germany	Germany	Germany	Japan	Japan	Japan	
% Total Imports				84.4%	83.9%		
¹ NAICS 33641 Aerospace Product and Parts Manufacturing only.							

¹NAICS 33641 Aerospace Product and Parts Manufacturing only.

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; U.S. Department of Labor, Bureau of Labor Statistics; Federal Reserve Board

e=estimated

p=preliminary r=revised

Preliminary figures are from the M3-1 report, others are from Census of Manufactures and Annual Surveys.

²Federal Reserve Board, 1997=100, not seasonally adjusted

³Bureau of Labor Statistics

⁴Includes avionics and other aerospace parts not in NAICS 33641

KEY U.S. AEROSPACE STATISTICS

(in billions of current dollars, unless otherwise noted)

	1996	1997	1998	1999	2000	2001
INDUSTRY DATA ¹						
Value of Aerospace Shipments						
Current dollars	\$101.3 r	\$120.4 r	\$137.4 r	\$139.0 r	\$126.6 r	\$125.1 e
Constant dollars (1997=100)	104.0 r	120.4 r	134.7 r	136.9 r	120.8	N/A
Real Growth	11.5% r	15.8% r	11.8%	1.7% r	-11.8%	N/A
Value of Aircraft & Parts Shipments						
Current dollars	\$83.4	\$100.1	\$116.8	\$120.3	\$111.0	\$119.1 p
Constant dollars (1997=100)	85.7	100.1	116.2	118.3	105.5	N/A
Real Growth	-0.1%	16.8%	16.0%	1.8%	-10.9%	N/A
Industrial Production Index (1992=1	00) ²					
Aerospace-Total	83.8	93.1 r	107.6 r	103.4 r	99.1 r	96.4
Aircraft & Parts	81.6 r	93.7 r	114.1 r	105.8 r	99.5 r	97.4
Employment						
Total Employment [000s]	457.8 r	487.1 r	517.0 r	484.7 r	444.9	439.5 e
Growth	-2.8%	6.4%	6.1%	-6.3%	-8.2%	-1.2%
Production Workers [000s]	219.3 r	250.4 r	268.7	247.8 r	230.4	228.1 e
Growth	-0.8%	14.2%	7.3%	-7.8%	-7.0%	-1.0%
Trade						
Value of Exports	\$40.0	\$49.9	\$61.4	\$59.9	\$52.6 r	\$56.4 r
Exports/Shipments	39.5%	41.4%	44.7%	43.1%	41.5%	45.0%
Value of lease arts	040.4	047.0	#00.0	CO4.4 =	COC O =	6450 -
Value of Imports Apparent Domestic Consumption	\$13.1 74.3	\$17.3 87.9	\$22.3 98.4	\$24.1 r 103.2	\$26.9 r	\$15.3 r 84.1
	17.6%	19.7%	22.7%	23.3%	100.9 26.6%	18.2%
Imports/Apparent Consumption Balance of Trade	\$27.0	\$32.6	\$39.0	\$35.8	\$25.8	\$41.1
balance of Trade	Φ27.0	\$32.0	გა 9.0	გან. 0	φ25.0	Φ41.1
Product Data						
Value of Aerospace Shipments ¹						
Current dollars	\$94.8 r	\$117.6 r	\$131.0	\$132.1 r	\$121.0	\$120.0 e
Constant dollars (1997=100)	97.4 r	117.6 r	128.5	130.7	N/A	N/A
Real Growth	9.4% r	20.7% r	9.3%	1.8%	N/A	N/A
_						
<u>Trade³</u>						
Total Aerospace Exports	\$40.3	\$50.6	\$64.1	\$62.4	\$54.7 r	\$58.5 r
Total Aerospace Imports	13.4	17.8	17.8 23.4 25.4 r 28.2		28.2 r	28.5 r
Balance of Total Aerospace Trade	\$26.9	\$32.8	\$40.7	\$37.0 r	\$26.5 r	\$30.0 r
Foreign Markets [Top Five]	Japan	U.K.	U.K.	U.K.	UK	UK
i oreign markets proprive	U.K.	Japan	Japan	France	France	France
	Canada	Canada	Saudi Arabia	Germany	Germany	Germany
	Korea	France	France	Japan	Japan	Singapore
	France	Saudi Arabia	Germany	Canada	Canada	Canada
% Total Exports	35.8%	39.0%	42.4%	42.2%	43.4%	41.8%
70 Total Exports	33.0 /0	39.0 /6	72.4 /0	72.2/0	75.4 /0	71.070
Suppliers to United States [Top Five]	Canada	Canada	France	France	France	France
	France	France	U.K.	Canada	Canada	Canada
	U.K.	U.K.	Canada	U.K.	UK	UK
	Japan	Japan	Japan	Germany	Germany	Germany
	Germany	Germany	Germany	Japan	Japan	Japan
% Total Imports	80.8%	81.7%	82.2%	82.9%	84.4%	83.9%
¹ NAICS 33641 Aerospace Product and Parts	Manufacturing on	.,				e=estimated

¹NAICS 33641 Aerospace Product and Parts Manufacturing only.

Preliminary figures from the M3-1 report, others from Census of Manufactures and Annual Surveys.

includes avionics and other aerospace parts not in NAICS 33041

e=estimated p=preliminary r=revised

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; U.S. Department of Labor, Bureau of Labor Statistics; Federal Reserve Board

²Federal Reserve Board, 1992=100, not seasonally adjusted

³Includes avionics and other aerospace parts not in NAICS 33641

KEY U.S. AEROSPACE STATISTICS 1989-97 (in billions of current dollars, unless otherwise noted) 1995 1996 1997 1989 1990 1991 1992 1993 1994 Value of Aerospace Industry Shipments \$120.4 Current dollars \$110.6 \$125.8 \$132.2 \$131.3 \$110.3 \$100.1 \$101.3 \$116.3 Constant dollars (1992=100) 124.9 136.5 137.5 131.3 108.0 113.9 93.3 93.8 107.3 -4.5% 0.6% Real Growth 1.2% 9.3% 0.7% -17.8% 5.5% -18.1% 14.4% /alue of Aircraft & Parts Shipments¹ \$92.3 \$83.4 \$100.1 Current dollars \$81.9 \$95.2 \$103.1 \$105.2 \$84.6 \$81.4 Constant dollars (1992=100) 94.0 104.3 107.7 105.2 90.1 80.2 75.3 75.2 0.68 Real Growth 10.9% 3.3% -2.3% -14.4% -11.0% -6.1% -0.1% 18.3% /alue of Aerospace Product Shipments Current dollars \$106.3 \$118.1 \$124.1 \$122.8 \$110.3 \$97.0 \$95.2 \$94.8 \$117.6 Constant dollars (1992=100) 119.6 127.9 129.1 122.8 108.0 92.7 89.0 88.9 101.4 1.0% -14.2% Real Growth 1.2% 6.9% -4.9% -12.1% -4.0% -0.1% 14.1% Industrial Production Index (1992=100) Aerospace-Total 109.4 109.8 105.0 100.0 93.9 84.8 80.8 83.8 92.0 103.9 100.0 91.0 80.9 81.6 96.2 Aircraft & Parts 105.1 105.4 76.5 Employment³ Total Employment [000s] 905.1 897.4 836.8 758.1 665.7 589.0 548.7 548.5 592.0 Growth 1.5% -0.9% -6.8% -9.4% -12.2% -11.5% -6.8% 0.0% 7.9% 235.3 Production Workers [000s] 403.4 401.5 372.0 331.7 287.4 252.7 242.6 275.6 -10.8% -12.1% 3.1% Growth 2.4% -0.5% -7.3% -13.4% -6.9% 13.6% Aerospace Trade Data: Value of Exports¹ \$30.7 \$37.3 \$42.4 \$43.6 \$37.9 \$35.8 \$31.4 \$40.0 \$49.9 39.5% Exports/Shipments 27.8% 29.6% 32.1% 33.2% 34.4% 30.8% 31.4% 41.4% Value of Imports¹ \$9.7 \$11.0 \$12.4 \$12.9 \$11.5 \$11.6 \$10.7 \$13.1 \$17.3 Apparent Domestic Consumption¹ \$89.6 \$99.5 \$100.6 \$92.1 \$79.4 \$87.9 \$102.2 \$83.9 \$74.3 Imports/Apparent Consumption¹ 11.4% 12.0% 12.1% 12.8% 13.7% 12.6% 13.5% 17.6% 19.7% Balance of Trade \$21.0 \$26.3 \$30.0 \$30.7 \$26.4 \$24.2 \$20.7 \$27.0 \$32.6 Total Aerospace Exports⁴ 32.1 43.8 45.0 37.4 33.1 40.3 50.6 39.1 39.4 Total Aerospace Imports⁴ 10.4 11.9 13.3 14.3 12.4 12.9 12.1 13.4 17.8 \$21.0 \$32.8 Balance of Total Aerospace Trade⁴ \$21.7 \$27.2 \$30.5 \$30.7 \$27.0 \$24.5 \$26.9 Foreign Markets [Top Five]4 U.K. U.K. U.K. France Japan Japan Japan Japan Japan Germany U.K. Japan Japan U.K. France U.K. U.K. U.K. U.K. Canada France France Germany France France Korea Canada China Japan Germany Japan Germany China Canada Korea France Canada Canada Canada Canada Taiwan Singapore Netherlands France Saudi Arab 42.0% 38.2% 34.2% 38.6% 39.0% % Total Exports 44.4% 44.8% 39.3% 35.8% Suppliers to United States [Top Five]4 Canada France France France France France France France Canada U.K. U.K. U.K. France U.K. U.K. Canada Canada France Canada Canada U.K. Canada Canada U.K. Canada U.K. U.K. Germany Netherlands Netherlands Netherlands Germany Japan Japan Germany Japan

80.8%

Germany Germany

81.7%

% Total Imports

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; U.S. Department of Labor, Bureau of Labor Statistics; Federal Reserve Board

Germany Japan

80.9%

Japan

78.7%

Japan

80.6%

Japan

82.5%

Japan

83.7%

Japan

80.6%

¹SICs 372 (aircraft and parts) and 376 (guided missiles and space vehicles and parts) only

²Federal Reserve Board, 1992=100, not seasonally adjusted

³Bureau of Labor Statistics

e=estimated p=preliminary r=revised

⁴Includes avionics and other aerospace parts not in SICs 372 and 376

KEY U.S. AEROSPACE STATISTICS 1989-97 (in billions of current dollars, unless otherwise noted)

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	1989	1990	1991	1992	1993	1994	1995	1996	1997
Value of Aerospace Industry Shipment	<u>s¹</u>								
Current dollars	\$110.6	\$125.8	\$132.2	\$131.3	\$110.3	\$116.3	\$100.1	\$101.3 r	\$120.4 r
Constant dollars (1992=100)	\$124.9	\$136.5	\$137.5	\$131.3	\$108.0	\$113.9	\$93.3	\$93.8	\$107.3
Real Growth	1.2%	9.3%	0.7%	-4.5%	-17.8%	5.5%	-18.1%	0.6%	14.4%
Value of Aerospace Product Shipments	s ¹								
Current dollars	\$106.3	\$118.1	\$124.1	\$122.8	\$110.3	\$97.0	\$95.2	\$94.8 r	\$117.6 r
Constant dollars (1992=100)	\$119.6	\$127.9	\$129.1	\$122.8	\$108.0	\$92.7	\$89.0	\$88.9	\$101.4 e
Real Growth	1.2%	6.9%	1.0%	-4.9%	-12.1%	-14.2%	-4.0%	-0.1%	14.1%
Industrial Production Index (1992=100)	1,2								
Aerospace-Total	109.4	109.8	105.0	100.0	93.9	84.8 r	80.8 r	83.8 r	92.0 r
Aircraft & Parts	103.9	105.1	105.4	100.0	91.0	80.9	76.5	81.6	96.2
Employment ¹									
Total Employment [000s]	823.4	816.1	745.6	692.8	611.2	524.6	470.8	457.8 r	486.5 r
Growth	0.4%	-0.9%	-8.6%	-7.1%	-11.8%	-14.2%	-10.3%	-2.8%	6.3%
Production Workers [000s]	417.6	396.2	362.1	332.3	278.6	240.8	221.1	219.3	250.0 r
Growth	7.7%	-5.1%	-8.6%	-8.2%	-16.2%	-13.6%	-8.2%	-0.8%	14.0%
Aerospace Trade Data:									
Value of Exports ^¹	\$30.7	\$37.3	\$42.4	\$43.6	\$37.9	\$35.8	\$31.4	\$40.0	\$49.9
Exports/Shipments ¹	27.8%	29.6%	32.1%	33.2%	34.4%	30.8%	31.4%	39.5%	41.4%
Value of Imports ¹	\$9.7	\$11.0	\$12.4	\$12.9	\$11.5	\$11.6	\$10.7	\$13.1	\$17.3
Apparent Domestic Consumption ¹	\$89.6	\$99.5	\$102.2	\$100.6	\$83.9		\$79.4	\$74.3	\$87.9
Imports/Apparent Consumption ¹	11.4%	12.0%	12.1%	12.8%	13.7%		13.5%	17.6%	19.7%
Balance of Trade ¹	\$21.0	\$26.3	\$30.0	\$30.7	\$26.4		\$20.7	\$27.0	\$32.6
Total Aerospace Exports ³	32.1	39.1	43.8	45.0	39.4	37.4	33.1	40.3	50.6
Total Aerospace Imports ³	10.4	11.9	13.3	14.3	12.4	12.9	12.1	13.4	17.8
Balance of Total Aerospace Trade ³	\$21.7	\$27.2		\$30.7	\$27.0		\$21.0	\$26.9	\$32.8
Foreign Markets [Top Five] ³	U.K.	U.K.	France	Japan	Japan	Japan	Japan	Japan	U.K.
r oroigir markoto [Top Tivo]	Germany	Japan	U.K.	France	U.K.	U.K.	U.K.	U.K.	Japan
	France	France	Germany	U.K.	France	France	Korea	Canada	Canada
	Japan	Germany	Japan	Germany	China	China	Canada	Korea	France
	Canada	Canada	Canada	Canada	Taiwan	Singapore	Netherlands	France	Saudi Arabia
% Total Exports	44.4%	44.8%		38.2%	34.2%		39.3%	35.8%	39.0%
·	Гианата	Гиомата	Гионас	Гиотог	Гиотог	Гтопол	Г	Canada	Canada
Suppliers to United States [Top Five] ³	France	France	France	France	France	France	France	Canada	Canada
	U.K.	U.K.	Canada	U.K.	U.K.	U.K.	Canada	France	France
	Canada	Canada	U.K.	Canada	Canada	Canada	U.K.	U.K.	U.K.
	Japan	,	Netherlands			•	Germany	Japan	Japan
2/ = / · · ·		Japan	Japan	Japan	Japan	Japan	Japan	Germany	Germany
% Total Imports				80.6%	82.5%	83.7%	80.6%	80.8%	81.7%

SICs 372 (aircraft and parts) and 376 (guided missiles and space vehicles and parts) only

e=estimated

p=preliminary

r=revised

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; Federal Reserve Board

²Federal Reserve Board, 1992=100, not seasonally adjusted

³Includes avionics and other aerospace parts not in SICs 372 and 376